| Ind | ex of | Claim | S |
|-----|-------|-------|---|
| | | | |

| Application/Control No. | Applicant(s)/Patent under Reexamination | |
|-------------------------|---|--|
| 10/688,927 | TANABE ET AL. | |
| Examiner | Art Unit | |
| Ka Chun Leung | 3747 | |

| √ | Rejected |
|---|----------|
| | Allowed |

| _ | (Through numeral) Cancelled |
|---|--------------------------------|
| ÷ | Restricted |

| N | Non-Elected | Α | |
|---|--------------|---|--|
| 1 | Interference | 0 | |

| A | Appeal |
|---|----------|
| 0 | Objected |

| | | <u> </u> | | | | | | | | |
|----------|--|----------------|--|--|--|--------------|--------------|--|---|------------------------|
| | | , | | | | | | | | |
| Cla | im | <u> </u> | | | _ [| Date | € | | _ | |
| | 11 | | | | | | | | | |
| Final | Original | 11/9/06 | 4/12/07 | 9/10/07 | | | | | | |
| ;≒ | ij | ₽ | 12 | 10 | | | | | | |
| - | Ō | - | 4 | 6 | | | | | | |
| ├ | 4 | , | | | | - | | | | |
| | 1 | ∠ | V | Ý | | _ | | | Н | |
| | 2 | \vee | ✓ | ✓ | L | _ | | | | |
| | 3 | N | | ✓ | | | | | | |
| | 1 2 3 4 5 6 7 | N | √ | √ | | | | | | |
| | 5 | N | 1 | √ | | | | | | |
| | 6 | √ | √ | √ | | | | | _ | |
| | 7 | V | √ | 1 | | | | | | |
| | | z z < < z z z | Ì | Ì | | | | | | |
| | 8 9 | N | 1 | 1 | \vdash | _ | _ | _ | - | |
| \vdash | 10 | Z | 7 | >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>> | | | | - | _ | \dashv |
| <u> </u> | 44 | * | ' | ᆣ | | | _ | \vdash | — | |
| | 12 | N | Ÿ | | | Ē | _ | \vdash | \vdash | \dashv |
| | 12 | IN. | ĻÝ | <u>٧</u> | - | \vdash | _ | \vdash | \vdash | \dashv |
| ļ | 13 | N | ĻÝ | ¥ | _ | \vdash | _ | <u> </u> | | \vdash |
| <u> </u> | 14 | N | بِ | ✓ | <u> </u> | \vdash | _ | \vdash | | Ц |
| <u> </u> | 15 | N | ✓ | >>>> | L. | _ | | Щ. | | Щ |
| | 16 | 7 | V | 1 | | | | | | |
| | 11 12 13 14 15 16 17 18 19 20 21 | N | >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>> | √ √ √ | | | | | | |
| | 18 | N | √ | ✓ | | | | | | |
| | 19 | N | √ | V | Г | | | | | |
| | 20 | N | √ | V | Г | | | | | |
| | 21 | | Ť | Ť | _ | | | | | |
| | 22 | _ | | _ | _ | | | | | |
| | 23 | | | \vdash | ┢ | | | | | Н |
| \vdash | 22 23 24 | - | _ | ┢ | | - | _ | | _ | Н |
| | 25 | | - | - | \vdash | | - | | | Н |
| \vdash | 25 26 27 | \vdash | | \vdash | \vdash | | _ | | | \vdash |
| \vdash | 27 | - | _ | | ┝ | | _ | | _ | \vdash |
| ├ | 21 | - | | \vdash | \vdash | | _ | H | | Н |
| | 28 | - | | <u> </u> | _ | _ | | <u> </u> | | Щ. |
| <u> </u> | 29 | _ | _ | <u> </u> | ╙ | _ | _ | ldash | | |
| <u> </u> | 28 29 30 | | L | L. | <u> </u> | L | | L | | Ш |
| | 31 | | | $oxed{oxed}$ | $ldsymbol{ld}}}}}}$ | L | L | L | | |
| | 31 32 | | | L | | | | | | |
| | 33 34 | | | | | | | | | |
| | 34 | | | | I | | | | | |
| | 35 | | | | | | | Г | | П |
| | 36 | | | | | | | | - | М |
| <u> </u> | 36 37 | | <u> </u> | \vdash | | \vdash | \vdash | \vdash | \vdash | \vdash |
| | 38 | | ┢ | | | \vdash | - | \vdash | | Н |
| ļ | 39 | \vdash | | ┝ | ├ | | - | \vdash | ┝ | Н |
| | 40 | | \vdash | ├ | ├ | \vdash | | \vdash | | \dashv |
| ├ | | | | ├ | | | - | - | | $\vdash \vdash \vdash$ |
| L | 41 | \vdash | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | ļ | ļ | Щ |
| | 42 | - | ऻ_ | _ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | L | Щ |
| | 43 | | | | <u> </u> | | <u> </u> | <u> </u> | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Ш |
| L | 44 | | <u> </u> | <u> </u> | | L | | | $ldsymbol{le}}}}}}$ | Ш |
| | 45 | | | <u>L</u> | | <u></u> | 匚 | <u> </u> | 匚 | |
| | 46 | _ | | | | L. | | | | Ш |
| | 47 | | Ĺ | L | | | | L | L | |
| | 48 | | | | | | | | | |
| | 49 | <u> </u> | | | | | Π | | Г | |
| \vdash | 50 | t — | | _ | | 1 | _ | | _ | Н |

| Cla | aim | | _ | | | Date | | - | | |
|--------------|----------|--|----------|--|----------------|--|-------------|--------------|--------------|----------|
| Final | Original | | | | | | | | | |
| | 51 | | l | _ | | | | | | |
| | 52 | | | | | | | | | |
| Ĺ | 53 | | | | | | | | | |
| | 54 | | | | | | | | | |
| <u> </u> | 55 | | | | | | | | | |
| | 56 | _ | | | | | | | | |
| | 57 | _ | | | \blacksquare | | _ | | | _ |
| | 58 | | _ | | _ | | | \vdash | | |
| | 59 60 | | | | | | \vdash | | | |
| | 61 | _ | | | | | \vdash | | _ | - |
| | 62 | - | | | \vdash | | \vdash | | _ | - |
| | 62 63 | | - | | - | - | - | \vdash | - | - |
| | 64 | | - | | | | \vdash | | | |
| | 65 | \vdash | | | П | Т | Г | | | |
| | 66 | | | | | | | | | |
| | 67 | | | | | | | | | |
| | 68 | | | | | | | | | |
| | 69 | | | | | | | | | |
| | 70 | | | | | | | | | |
| | 71 | | | L | | L | <u></u> | | | |
| L | 72 | | | L | | _ | | | | |
| | 73 74 | | | | | | | _ | _ | _ |
| <u> </u> | 74 | <u> </u> | _ | | | <u> </u> | | _ | | |
| <u> </u> | 75 | <u> </u> | | \vdash | | <u> </u> | · | | | |
| <u> </u> | 76 | <u> </u> | _ | | | | <u></u> - | <u> </u> | | |
| | 77 78 | H | | H | | <u> </u> | _ | \vdash | | |
| | 79 | \vdash | - | \vdash | | - | | \vdash | | |
| <u> </u> | 80 | \vdash | _ | \vdash | | | | | _ | - |
| | 81 | ┝ | | ├ | - | - | | | | - |
| <u> </u> | 82 | \vdash | _ | \vdash | | | _ | - | _ | - |
| | 83 | \vdash | | | <u> </u> | _ | | | | |
| | 84 | | | | | | - | Г | | |
| | 85 | | | П | Г | | | П | | |
| | 86 | | | | | | | | | |
| | 87 | | | | | | | | | |
| | 88 | | | | | | | | | |
| | 89 | | | _ | | | L | L | | L |
| <u></u> | 90 | | L. | | <u> </u> | _ | ļ | L | <u> </u> | _ |
| L. | 91 | | L | | | | <u> </u> | ļ | L | <u> </u> |
| <u> </u> | 92 | <u> </u> | | <u> </u> | | ļ | <u> </u> | <u> </u> | - | <u> </u> |
| <u> </u> | 93 | - | <u> </u> | <u> </u> | - | | _ | | <u> </u> | _ |
| \vdash | 94 95 | \vdash | Ŀ | \vdash | | <u> </u> | <u> </u> | \vdash | <u> </u> | \vdash |
| <u> </u> | 96 | | | <u> </u> | | - | - | \vdash | | - |
| \vdash | 97 | \vdash | | \vdash | <u> </u> | \vdash | - | \vdash | \vdash | \vdash |
| \vdash | 98 | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash |
| \vdash | 99 | | | | - | | | | | \vdash |
| - | 100 | | - | ┢ | \vdash | | - | Ι | - | \vdash |

| Cla | aim | Date | | | | | Claim Dat | | | | | | ite | , | | | | | | |
|-----------------|-----------|-----------------------|---------|----------------|-----------|----------|------------|----------|--------------|-----|-------|------------|---------------------|----------|----------|----------|---------|---|---|----------|
| Final | Original | | | | | | | | | | Final | Original | | | | | | | | |
| | 51 | | | | | | | | | | | 101 | \Box | \dashv | T | \top | | | | |
| | 52 | | | | | | | | | | | 102 | | | | | | | | |
| | 53 | | | | | | | | | | | 103 | | | | | | | | |
| | 54 | | | | | | | | | | | 104 | | | | | | | | |
| | 55 | | | | | | | | | | | 105 | | | | T | | Π | | |
| | 56 | | • | | | | Г | | | | | 106 | | Т | | | | | | |
| | 57 | | | | | | | | | | | 107 | | | | | | | | |
| | 58 | | | | | | | | | | | 108 | | | | | | | | |
| | 59 | | | | | | | | | | | 109 | | | | | | | | |
| | 60 | | | | | | | | | | | 110 | | | | \perp | | | | |
| | 61 | | | | | _ | | | | | | 111 | | | | | | L | | |
| _ | 62 | | | | | | | | L | | | 112 | | | | L | | _ | | |
| | 63 | | | _ | | <u> </u> | | | | | | 113 | | | | | | L | | |
| _ | 64 | \perp | _ | | Ш | <u> </u> | <u> </u> | <u> </u> | <u> </u> | | | 114 | \sqcup | _ | | \perp | \perp | <u> </u> | $ldsymbol{ld}}}}}}$ | |
| _ | 65 | | | | | | | | <u> </u> | | | 115 | | | \perp | | | <u> </u> | | |
| _ | 66 | | | | | L_ | L | | | | | 116 | | | | | | L | | |
| _ | 67 | | | | | L | | | | | | 117 | | | \perp | | | <u></u> | | |
| _ | 68 | | | | | | L | | <u> </u> | | | 118 | | | \perp | | | <u> </u> | _ | |
| _ | 69 | | | | | L | | | <u> </u> |] | | 119 | | \perp | _ | | | $oxed{oxed}$ | | |
| ⅃ ﻟـــــ | 70 | | | | L | | | | | | | 120 | Ш | \perp | ᆚ | | | <u> </u> | | |
| | 71 | | | | _ | | | | |]] | | 121 | | | \perp | | | _ | | |
| | 72 | | | | | | | | | | | 122 | Ш | \perp | \perp | \perp | | | | |
| _ | 73 | | | | | <u> </u> | _ | L | _ | | | 123 | | \perp | \perp | _ _ | | 乚 | | |
| | 74 | | \perp | | L | | | | | | | 124 | \sqcup | \perp | \perp | ┸ | | | | |
| ⊣ | 75 | | _ | | | · | | | | | | 125 | \sqcup | \perp | \dashv | \perp | | $oxed{oxed}$ | | |
| _ | 76 | | | | | | L | | | | | 126 | | _ | | _ _ | ᆚ_ | <u> </u> | L | |
| _ | 77 | | _ | | $oxed{L}$ | | _ | | | | | 127 | \sqcup | \perp | 4 | | \bot | ┖ | Ш | |
| | 78 | | \bot | | | | L | | | | | 128 | | _ | _ | | | $oldsymbol{ol}}}}}}}}}}}}}}}}}$ | | |
| _ | 79 | \Box | ┷ | | | | <u> </u> | | ļ | | | 129 | | _ | _ | 4 | _ | ┞ | Ш | |
| _ | 80 | | | | | | | | _ | | | 130 | | _ | _ | | | ļ., | | |
| _ | 81 | | ┵ | Щ | | _ | | L | | | | 131 | | \dashv | _ | _ _ | | <u> </u> | | |
| _ | 82 | | — | | | | _ | L_ | | | | 132 | \sqcup | _ | 4 | _ _ | | <u> </u> | | |
| | 83 | | \perp | L | | _ | _ | | | | | 133 | \sqcup | 4 | _ | \perp | 4_ | | | |
| $\dashv \vdash$ | 84 | | _ | \vdash | <u> </u> | | <u> </u> | <u> </u> | <u> </u> | | | 134 | \sqcup | \perp | \perp | \perp | \perp | _ | L | L., |
| \dashv | 85 | <u> </u> | _ | <u> </u> | Ь. | | _ | <u> </u> | <u> </u> | | | 135 | \sqcup | \dashv | \dashv | \perp | \bot | | <u>L</u> | L |
| → | 86 | $\sqcup \!\!\! \perp$ | _ | <u> </u> | | <u> </u> | _ | <u> </u> | <u> </u> | | | 136 | \sqcup | _ | 4 | 4 | 4 | | <u> </u> | Ш |
| ┦ ├── | 87 | | - | <u> </u> | Ļ | <u> </u> | ↓ | <u> </u> | <u> </u> | | | 137 | \sqcup | \dashv | \dashv | _ | | <u> </u> | ļ | _ |
| → | 88 | | _ | <u> </u> | ļ | <u> </u> | ₩ | <u> </u> | _ | | | 138 | \sqcup | \dashv | \dashv | \perp | - | ـ | ļ | Щ |
| → | 89 | | - | | <u> </u> | <u> </u> | ! — | <u> </u> | | | | 139 | $\vdash \vdash$ | _ | - | - | 4 | | <u> </u> | Щ. |
| | 90 | \vdash | _ | <u> </u> | ļ | ļ | ₩ | <u> </u> | ⊢ | | | 140 | $\vdash \vdash$ | | 4 | + | +- | ₩ | ļ | Ш |
| → | 91 | \vdash | _ | <u> </u> | ļ | <u> </u> | ļ | | <u> </u> | | | 141 | $\vdash \downarrow$ | \perp | 4 | | | ╄ | ļ | Щ |
| ⊣ | 92 | \vdash | + | 1_ | <u> </u> | <u> </u> | ⊢ | | <u> </u> | | | 142 | $\vdash \vdash$ | _ | 4 | | + | | ⊨ | _ |
| ┥ ├ | 93 | | + | <u> </u> | <u> </u> | <u> </u> | _ | <u> </u> | <u> </u> | | | 143 | $\vdash \vdash$ | \dashv | + | + | _ | - | \vdash | <u> </u> |
| $\dashv \vdash$ | 94 | - | + | <u> </u> | - | - | - | <u> </u> | ⊢ | | | 144 | \vdash | + | - | | | ┼- | ├ | |
| ┥ ├─ | 95 | | +- | | <u> </u> | | <u> </u> | | <u> </u> | | | 145 | $\vdash \vdash$ | + | \dashv | + | + | \vdash | <u> </u> | H |
| $\dashv \vdash$ | 96 | \vdash | + | ├ | \vdash | \vdash | | \vdash | \vdash | | | 146 147 | $\vdash \vdash$ | + | \dashv | + | + | \vdash | ├- | - |
| $\dashv \vdash$ | 97 | \vdash | + | - | <u> </u> | ├ | \vdash | \vdash | \vdash | | | | $\vdash \vdash$ | | | - - | | ┼ | | - |
| $\dashv \vdash$ | 98 | | | | - | | | | \vdash | 1 | | 148 | $\vdash \vdash$ | \dashv | + | 4 | +- | ╀ | ⊢ | \vdash |
| → | 99 100 | | +- | - | | | | | \vdash | 1 | | 149 150 | | + | + | \dashv | +- | + | \vdash | \vdash |
| | 100 | oxdot | | <u> </u> | | | | | | J ł | | LIOU | ш | | | L | _1 | 1 | Щ | Ц |